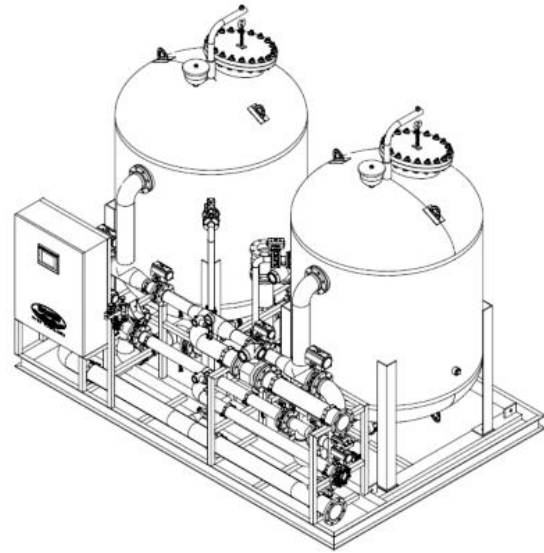


Pressure Filters for Water Filtration



Case Study Details

The Port Hope Area Initiative, led by Canadian Nuclear Laboratories, selected pressure filters as the best process to meet its filtration needs for surface and groundwater during construction, and for contaminated water (leachate) at a low-level radioactive long-term waste management facility.

H2Flow supplied two Wigen vertical pressure filters for the project, each consisting of a 1.83 m diameter straight sided, welded steel construction tank, ASME code, with media. Also supplied were air blowers, control valves, complete control package, all necessary instrumentation and spare parts. Each filter is designed for a maximum of 12.6 L/s and to provide a 10 to 20 micron nominal barrier.

Engineering Consultants: MMM Group, Conestoga Rovers & Associates (GHD)

Installation Contractor: Kenaidan Contracting

Client: Port Hope Area Initiative, led by Canadian Nuclear Laboratories

Start-Up: Summer 2015